

AIR POLLUTION CONTROL PERMIT APPLICATION

For Agency Use Only:

Application Tracking #:

Application Receipt Date:

A. Date Application Completed:

B. General Application Information

1. Type of permit for which application is made (Check all that apply):

<input type="checkbox"/>	a) Part 70 Permit	<input type="checkbox"/>	i) Initial	iv) Modification:
<input type="checkbox"/>	b) FESOP Permit	<input type="checkbox"/>	ii) Renewal	Minor
		<input type="checkbox"/>	iii) General	Significant
<input type="checkbox"/>	c) Construction Permit (check one)	<input type="checkbox"/>	i) Construction of new plant or facility	ii) Modification of existing plant or facility

For Construction permit application, complete the following table:

iii. Date construction* will or did start Day/Mo./Yr.	vi. Date construction will be or was completed Day/Mo./Yr.	v. Date operation will or did begin Day/Mo./Yr.
Actual	Actual	Actual
Estimate	Estimate	Estimate

Construction Permit Only - New or Modified Unit Identification

2. EPA Area Designation (check all that apply)

Designation		Ozone	CO	PM ₁₀	SO ₂	NO _x	TSP	Lead
Attainment								
Unclassifiable								
Nonattainment	Primary							
	Secondary							
	Severe							
	Moderate							
	Marginal							

C. General Source Information

1. Company Name:			
2. Mailing Address:			
3. Street Address (if different):			
4. Contact Person:			
5. Telephone No.:			
6. Fax No.(optional):			
7. Longitude:		Latitude:	
8. UTM Coordinates(if known):			
Zone	Horizontal		Vertical
9. Is the source located within 50 miles of an adjacent state?			Yes <input type="checkbox"/> No <input type="checkbox"/>

D. Owner Information	
1. Company Name:	
2. Address:	
3. Telephone No.:	
4. Agent:	
5. Address:	
6. Telephone No.:	
7. Fax No.(optional):	

E. Operator Information (if different than owner)	
1. Company Name:	
2. Address:	
3. Telephone No.:	
4. Contact Person:	
5. Telephone No.:	
6. Fax No.(optional):	

F. Responsible Official

1. Name:

2. Title:

3. Address:

4. Telephone No.:

5. Fax No. (optional):

G. Certification of Truth, Accuracy and Completeness

Note: This certification must be signed by a responsible official (see instructions). Applications without a signed certification will be returned as incomplete.

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate and complete.

Name (typed):

Title:

Signature:

Date:

H. Library Location

Library Name:

Address:

Telephone number:

I. Plant Description

1. List all processes and products for normal operation:

SIC Code	Process	Products

J. Current Operating/Construction Permit Number(s): (see instructions)

Unit/Facility ID	Permit Number	Unit/Facility ID	Permit Number

K. Limited Liability - IC 13-10-4-1

Unit/Facility ID	Unit/Facility ID	Unit/Facility ID	Unit/Facility ID

PLANT LAYOUT AND GEP STACK HEIGHT INFORMATION

*This form provides the Modeling and Permitting sections with the appropriate information for determining potential emissions. Please use this page as a check list. If you do not provide the necessary information, applicable to your source, the application process **will be stopped**.*

1. You **must** provide drawings, each one **must** be to scale, with the actual scale shown. All dimensions and units **must** be clearly indicated with a brief explanation of what is being shown. Include the following (check when completed):

A.	Building height(s)(feet)
B.	Building width(s)(feet)
C.	Building length(s)(feet)
D.	Building(s) distance to property lines (feet)
E.	Surrounding building(s) dimensions and heights (feet)
F.	Indicate any access-limiting features such as fences (feet)
G.	Indicate the distance to the nearest residence (feet)
H.	Provide Universal Transverse Mercator coordinates or latitude/longitude of stack(s) or of building/property

2. You **must** show the location of all applicable emission points and identify each one. Points required but not limited to:

A.	Exhaust stacks (include stack identification numbers)
B.	Roof monitors
C.	Control devices (include identification numbers)
D.	Process vents (horizontal discharge, vertical discharge, center height of vent)(include identification numbers)

Identify each of these emission points under "Stack Identification" on the appropriate forms and on FORM GSD-04, STACK/VENT INFORMATION, if required to complete GSD-04.

3. You **must** show the following:

A.	All roadways
B.	Description of roadway surfaces (gravel, dirt, paved, etc.)
C.	Indicate number of lanes

4. You **must** include a compass pointing north

The construction permitting section has provided an example of a source layout. This is only an example and has not been drawn to scale. You are not limited to this illustration; add any information you feel necessary. The layout is very important to the Air Management Modelers, thus accuracy is important. It would be helpful to the modelers if you would provide the building's(s') measurements and indicate the building(s) to be permitted.

FLOW DIAGRAM

*This permit application must include a simple flow diagram of your operation. The purpose of the flow diagram is to understand the process and potential emission points. Please use this form as a check list. Any **information missing** will **halt** or **prolong** the review process. Duplicate the form as needed.*

Include all applicable information in the flow diagram:

Check when completed:

1.	State the raw material input in lbs/hr.
2.	State the maximum hourly capacity of each step of the operation in lbs/hr.
3.	Show all equipment, emitting pollutants, used in the process. Include identification numbers.
4.	Indicate additions and modifications to an existing process.
5.	Show location of stacks (include stack identification).
6.	Show location and process which the air pollution control equipment (CE) abates. Include identification numbers for control equipment (CE).
7.	Indicate the actual operation schedule for each unit/facility, if the units at the source operate on different schedules.

Source Data -- FORM GSD-03

AIR POLLUTION CONTROL PERMIT APPLICATION INSTRUCTIONS

Instructions on how to fill out FORM GSD-03. Any **information missing** in FORM GSD-03 will **halt** or **prolong** the review process.

1. Use the air permitting section's flow diagram as an example in developing your flow diagram. You are not limited to this flow diagram; add any information you feel necessary.

2. Stack Data:

Always include the stack identification, height, diameter, gas discharge temperature, and gas flow rate on FORM GSD-04, STACK/VENT INFORMATION. The information you provide is necessary for the modeling section. This information only required of construction permit applications or sources having constructed or operated without permit.

3. Actual Operation Schedule:

Please provide the source's actual operating hours; this information is important to the air modeling section. If the units within the source operate on different schedules, provide the individual unit schedules.

(For your information, the Indiana State Law requires the permitting section to base potential emissions on 24 hours per day, seven (7) days per week and 365 days per year.)

Use this form to summarize additional information for the stacks and/or vents identified on FORM GSD-02, PLANT LAYOUT. The identification numbers must correspond to the numbering used for FORM GSD-02. Missing or inconsistent information will delay the application review and could result in permit denial. *[This form for construction permits or non-permitted sources only]*

[illegible]

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[illegible]

GSD-04
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[illegible]

GSD-05
Page 2 of 2

Note: Use this form to identify emission units and corresponding stacks/vents. Fugitive emissions should be identified on form GSD-05. Emission units that qualify as Insignificant Activities should not be listed here, but should be listed on the Insignificant Activities Form (GSD-10).

[illegible]

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[illegible]

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GENERAL UNIT / ACTIVITY INFORMATION

Plant ID#:

This form is to be used to describe those units or activities that are not subject to any applicable requirements or those that are only subject to generic or generally applicable requirements affecting a large number of activities (i.e., opacity rules). The applicability of these requirements does not normally depend on the emissions of the units or activities. Those units or activities that are included on this form do not require a separate Process Information, Control Equipment, or Compliance Information form (see instructions).

1. Unit/Activity Description	2. Pollutant(s)	3. Citation	4. Citation Description	5. Test Method	6. In Cmp?	7. S/L

DUPLICATE THIS FORM AS NECESSARY

AIR POLLUTION CONTROL PERMIT APPLICATION INSTRUCTIONS

FORM GSD-06(a) -- General Unit/Activity Information

This form is to be used to describe those units or activities that are not subject to any applicable requirements or those that are subject to generic or generally applicable requirements affecting a large number of activities (i.e., opacity rules). The applicability of these requirements does not normally depend on the emissions of the units or activities. Those units or activities that are included on this form do not require a separate Process Information, Control Equipment, or Compliance Information form (except for the units or activities that are out of compliance). There may be some instances (the source is in compliance but wants to propose a plan to the OAM) where an applicant may wish to prepare a compliance plan for these units in order to propose to the IDEM how compliance will be maintained. If you wish to propose how the units or activities will continue to maintain compliance, then complete CD-02, Compliance Plan by Applicable Requirement or CD-03, Compliance Plan by Facility/Unit and attach to this form.

Plant ID#: Provide the plant identification number assigned to your plant.

1. Unit/Activity Description: Provide a brief description of the unit or activity.
2. Pollutant(s): Provide the types of pollutants emitted by the unit or activity (VOC, PM, SO₂, HAP, etc). For VOC or HAPs, it is not necessary to identify the specific types of VOC or HAP.
3. Citation: Provide a citation of the applicable requirement that applies to the unit or activity. If no requirements apply, indicate by entering "N/A".
4. Citation Description: Provide a description of the applicable requirement (i.e., NSPS, SIP, NESHAP, NSR permit, city ordinance, etc.)
5. Test Method: Provide the test method used to determine compliance with the applicable requirement cited. If the applicable requirement does not specify a specific test method, check 326 IAC 3.1.1. If no test method can be found or the applicable requirement is based on a work practice standard, enter "N/A".
6. In Cmp?: Indicate whether or not the source is in compliance by entering "yes" or "no". If you answer "yes" and the source wants to propose how compliance will be maintained, then a compliance plan should be prepared and submitted with the application. If you answer "no", then a compliance plan should be prepared and submitted.
7. S/L: If the requirement is a state only or a local only requirement, indicate by entering "S" for a state requirement and "L" for a local.

SOURCE POLLUTANT EMISSIONS SUMMARY

Use this form to identify and quantify emissions for each unit or facility and the total emissions of the source. Do not include Hazardous Air Pollutant (HAP) emissions on this form. Use FORM GSD-08 for HAP emissions.

1. UNIT BY UNIT SUMMARY								
Unit ID Fug ID	S/V ID	Pollutant	Actual			Potential		
				U	TPY		U	TPY

1 = lb/hr	3 = grains/dscf	5 = ppmdv	7 = other (specify):
2 = lb/mmBtu	4 = lb/gallon	6 = other (specify):	8 = other (specify):

CONTINUE EMISSIONS SUMMARY ON REVERSE SIDE

DUPLICATE THIS TABLE AS NECESSARY

SOURCE EMISSIONS SUMMARY		
Pollutant	Actual TPY	Potential TPY

SOURCE HAZARDOUS AIR POLLUTANT EMISSIONS SUMMARY

Use this form to present Hazardous Air Pollutant (HAP) emissions for each unit or facility and the total HAP emissions of the source.

1. UNIT-BY-UNIT HAP SUMMARY									
Unit ID Fug ID	S/V ID	Pollutant	CAS #	Actual			Potential		
					U	TPY		U	TPY

1 = lb/hr	3 = Mg/year	5 = other (specify):	7 = other (specify):
2 = lb/day	4 = ppmdv	6 = other (specify):	8 = other (specify):

CONTINUE EMISSIONS SUMMARY ON REVERSE SIDE

	Actual	Potential
2. TOTAL HAP EMISSIONS		

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MISCELLANEOUS INFORMATION

Unit ID:

Item #:

Form number to be supplemented:

Additional descriptive/narrative information:

Additional calculations/diagrams:

INSIGNIFICANT ACTIVITIES

Use this form to document the insignificant activities at the source. The listing of all insignificant activities satisfies the requirement of 326 IAC 2-7-4(e). This form may also be used to identify units (facilities) exempted from state or federal regulation. FESOP applicants need only list those activities determined to be insignificant.

Unit ID 1	Description 2	Emission level 3	U 4	Pollutant 5	Citation 6

CONTINUE ON NEXT PAGE

U = Units

1 = lb/hr	4 = other (specify)
2 = lb/day	5 = other (specify)
3 = tons/year	6 = other (specify)

DUPLICATE AS NECESSARY

The lists presented on these forms have not been adopted formally in state rules. The adoption into state rules will not affect the use of the lists for Operating Permit applications and a Completeness Determination of the applications.

Trivial Activities (Not Listed)
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The following activities do not need to be included in a Part 70 or FESOP permit application:

A) Any activity or emission unit, not regulated by a NESHAP, whose potential uncontrolled emissions are equal to or less than 1 pound per day on an emission unit basis for any single HAP or combination of HAPs.

B) Water related activities including:

- (1) Production of hot water for on-site personal use not related to any industrial or production process.
- (2) Water treatment activities used to provide potable and process water for the plant, excluding any activities associated with wastewater treatment.
- (3) Steam traps, vents, leaks and safety relief valves.
- (4) Cooling ponds.
- (5) Laundry operations using only water solutions of bleach or detergents.
- (6) Demineralized water tanks and demineralizer vents.
- (7) Boiler water treatment operations, not including cooling towers.
- (8) Oxygen scavenging (de-aeration) of water.
- (9) Steam cleaning operations and steam sterilizers.
- (10) Pressure washing of equipment.
- (11) Water jet cutting operations.

C) Combustion activities including the following:

- (1) Portable electrical generators that can be moved by hand from one location to another. "Moved by hand" means that it can be moved without the assistance of any motorized or non-motorized vehicle, conveyance, or device.
- (2) Fuel use related to food preparation for on-site consumption.
- (3) Combustion emissions from propulsion of mobile sources.
- (4) Tobacco smoking rooms and areas.
- (5) Blacksmith forges.
- (6) Indoor and outdoor kerosene heaters.

D) Ventilation and venting related equipment including the following:

- (1) Ventilation exhaust, central chiller water systems, refrigeration and air conditioning equipment, not related to any industrial or production process, including natural draft hoods or ventilating systems that do not remove air pollutants.
- (2) Stack and vents from plumbing traps used to prevent the discharge of sewer gases, handling domestic sewage only, excluding those at wastewater treatment plants or those handling any industrial waste.
- (3) Vents from continuous emissions monitors and other analyzers.
- (4) Natural gas pressure regulator vents, excluding venting at oil and gas production facilities.
- (5) Air vents from air compressors.
- (6) Vents for air cooling of electric motors provided the air does not commingle with regulated air pollutants.
- (7) Vents from equipment used to air blow water from cooled plastics strands or sheets.

E) Activities related to routine fabrication, maintenance and repair of buildings, structures, equipment or vehicles at the source where air emissions from those activities would not be associated with any commercial production process including the following:

- (1) Activities associated with the repair and maintenance of paved and unpaved roads, including paving or sealing, or both, of parking lots and roadways.
- (2) Painting, including interior and exterior painting of buildings, and solvent use, excluding degreasing operations utilizing halogenated organic solvents.
- (3) Brazing, soldering, or welding operations and associated equipment.
- (4) Portable blast-cleaning equipment with enclosures.
- (5) Blast-cleaning equipment using water as the suspension agent and associated equipment.
- (6) Batteries and battery charging stations, except at battery manufacturing plants.
- (7) Lubrication, including hand-held spray can lubrication, dipping metal parts into lubricating oil, and manual or automated addition of cutting oil in machining operations.
- (8) Non-asbestos insulation installation or removal.
- (9) Bead blasting of heater tubes.
- (10) Instrument air dryer and filter maintenance.
- (11) Manual tank gauging.
- (12) Open tumblers associated with deburring operations in maintenance shops.
- (13) Tarring, retarring and repair of building roofs.

F) Activities performed using hand-held equipment including the following:

- (1) Application of hot melt adhesives with no VOC in the adhesive formulation.
- (2) Buffing.
- (3) Carving.
- (4) Cutting, excluding cutting torches.
- (5) Drilling.
- (6) Grinding.
- (7) Machining wood, metal, or plastic.
- (8) Polishing.
- (9) Routing.
- (10) Sanding.
- (11) Sawing.
- (12) Turning wood, metal, or plastic.
- (13) Surface grinding.

G) Housekeeping and janitorial activities and supplies including the following:

- (1) Vacuum cleaning systems used exclusively for housekeeping or custodial activities, or both.
- (2) Steam cleaning activities.
- (3) Rest rooms and associated cleanup operations and supplies.
- (4) Alkaline or phosphate cleaners and associated equipment.
- (5) Mobile floor sweepers and floor scrubbers.
- (6) Pest control fumigation.

H) Office related activities including the following:

- (1) Office supplies and equipment.
- (2) Photocopying equipment and associated supplies.
- (3) Paper shredding.
- (4) Blueprint machines, photographic equipment, and associated supplies.

I) Lawn care and landscape maintenance activities and equipment, including the storage, spraying or application of insecticides, pesticides and herbicides.

J) Storage equipment and activities including:

- (1) Pressurized storage tanks and associated piping for the following:
 - (a) Anhydrous ammonia.
 - (b) Acetylene.
 - (c) Carbon Monoxide.
 - (d) Chlorine.
 - (d) Inorganic compounds.
 - (e) Liquid natural gas (LNG)(propane).
 - (f) Liquid petroleum gas (LPG).
 - (g) Natural gas.
 - (h) Nitrogen dioxide.
 - (i) Sulfur dioxide.
- (2) Storage tanks, vessels, and containers holding or storing liquid substances that do not contain any VOC or HAP.
- (3) Storage tanks, reservoirs, and pumping and handling equipment of any size containing soap, wax, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized.
- (4) Storage of drums containing maintenance raw materials.
- (5) Storage of the following:
 - (a) Castings.
 - (b) Lance rods.
 - (c) Any non-HAP containing material in solid form stored in a sealed or covered container.
- (6) Portable containers used for the collection, storage, or disposal of materials provided the container capacity is equal to or less than 0.46 cubic meters and the container is closed except when the material is added or removed.

K) Emergency and standby equipment including:

- (1) Emergency (backup) electrical generators at residential locations, such as dormitories, prisons and hospitals.
- (2) Safety and emergency equipment, except engine driven fire pumps, including fire suppression systems and emergency road flares.
- (3) Process safety relief devices installed solely for the purpose of minimizing injury to persons or damage to equipment which could result from abnormal process operating conditions, including the following:
 - (a) Explosion relief vents, diaphragms or panels.
 - (b) Rupture discs.
 - (c) Safety relief valves.
- (4) Activities and equipment associated with on-site medical care not otherwise specifically regulated.
- (5) Vacuum producing devices for the purpose of removing potential accidental releases.

L) Sampling and testing equipment and activities including the following:

- (1) Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis.
- (2) Hydraulic and hydrostatic testing equipment.
- (3) Ground water monitoring wells and associated sample collection equipment.
- (4) Environmental chambers not using hazardous air pollutant (HAP) gasses.
- (5) Shock chambers.
- (6) Humidity chambers.
- (7) Solar simulators.
- (8) Sampling activities including:
 - (a) Sampling of waste.
 - (b) Glove box sampling, charging, and packaging.
- (9) Instrument air dryers and distribution.

M) Use of consumer products and equipment where the product or equipment is used at a source in the same manner as normal consumer use and is not associated with any production process.

N) Equipment and activities related to the handling, treating, and processing of animals including:

- (1) Equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment.
- (2) Veterinary operating rooms.

O) Activities generating limited amounts of fugitive dust including:

- (1) Fugitive emissions related to movement of passenger vehicles, provided the emissions are not counted for applicability purposes under 326 IAC 2-7-1(21)(B), and any required fugitive dust control plan or its equivalent is submitted.
- (2) Soil boring.
- (3) Road salting and sanding.

P) Activities associated with production including the following:

- (1) Closed, non-vented, tumblers used for cleaning or deburring metal products without abrasive blasting.
- (2) Electrical resistance welding.
- (3) CO₂ lasers, used only on metals and other materials which do not emit HAPs in the process.
- (4) Laser trimmers which do not produce fugitive emissions and are equipped with dust collection devices such as bag filter, cyclone, or equivalent device.
- (5) Application equipment for hot melt adhesives with no VOC in the adhesive formulation.
- (6) Drop hammers or hydraulic presses for forging or metalworking.
- (7) Air compressors and pneumatically operated equipment, including hand tools.
- (8) Compressor or pump lubrication and seal oil systems.
- (9) Equipment used to mix and package soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized.
- (10) Equipment for washing or drying fabricated glass or metal products, if no VOCs or HAPs are used in the process, and no gas, oil or solid fuel is burned.
- (11) Handling of solid steel, including coils and slabs, excluding scrap burning, scarfing, and charging into steel making furnaces and vessels.

Q) Miscellaneous equipment, but not emissions associated with the process for which the equipment is used, and activities including the following:

- (1) Equipment used for surface coating, painting, dipping or spraying operation, except those that will emit VOCs or HAPs.
- (2) Condensate drains for natural gas and landfill gas.
- (3) Electric or steam heated drying ovens and autoclaves, including only the heating emissions and not any associated process emissions.
- (4) Salt baths using nonvolatile salts including caustic solutions that do not result in emissions of any regulated air pollutants.
- (5) Ozone generators.
- (6) Portable dust collectors.
- (7) Scrubber systems circulating water based solutions of inorganic salts or bases which are installed to be available for response to emergency situations.
- (8) Soil borrow pits.
- (9) Manual loading and unloading operations.
- (10) Purging of refrigeration devices using a combination of nitrogen and CFC-22 (R-22) as pressure test media.
- (11) Construction and demolition operations.
- (12) Mechanical equipment gear boxes and vents which are isolated from process materials.
- (13) Non-volatile mold release waxes and agents.

Insignificant Activities (Listed)

The following activities or categories of activities must be listed in a Part 70 or FESOP permit application. Detailed information concerning the emissions of these activities is not required; however, detailed emissions information must be provided upon request by the department. Indicate which activities are present by checking the appropriate box. For those activities not listed, provide a brief description of the activities or categories of activities considered insignificant on the last page of this form.

T	Emissions Unit Type (brief description)
1) Space heaters, process heaters, or boilers using the following fuels.	
	A) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour.
	B) Propane or liquified petroleum gas, or butane-fired combustion sources with heat input equal to or less than six million (6,000,000) Btu per hour.
	C) Fuel oil-fired combustion sources with heat input equal to or less than two million (2,000,000) Btu per hour and firing fuel containing less than five-tenths (0.5) percent sulfur by weight.
	D) Wood-fired combustion sources with heat input equal to or less than one million (1,000,000) Btu per hour and not burning wood refuse, treated wood or chemically contaminated wood.
2)	
	Equipment powered by internal combustion engines of capacity equal to or less than 500,000 Btu/hour, except where total capacity of equipment operated by one stationary source exceeds 2,000,000 Btu/hour.
3)	
	Combustion source flame safety purging on startup.
4)	
	A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons.
5)	
	A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
6) The following VOC and HAP storage containers:	
	A) Storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons.
	B) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.

7)

<input type="checkbox"/>	Refractory storage not requiring air pollution control equipment.
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8) Equipment used exclusively for the following:

<input type="checkbox"/>	Packaging lubricants and greases.
<input type="checkbox"/>	Filling drums, pails or other packaging containers with lubricating oils, waxes, and greases.

9)

<input type="checkbox"/>	Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings.
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10)

<input type="checkbox"/>	Machining where an aqueous cutting coolant continuously floods the machining interface.
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11)

<input type="checkbox"/>	Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.
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12)

<input type="checkbox"/>	Cleaners and solvents characterized as follows: A) having a vapor pressure equal to or less than 2 kPa; 15mm Hg; or 0.3 psi measured at 38 degrees C (100°F) or; B) having a vapor pressure equal to or less than 0.7 kPa; 5mm Hg; or 0.1 psi measured at 20°C (68°F); the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months.
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13)

<input type="checkbox"/>	The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.
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14)

<input type="checkbox"/>	Closed loop heating and cooling systems.
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15)

<input type="checkbox"/>	Infrared cure equipment.
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16)

<input type="checkbox"/>	Exposure chambers ("towers", "columns"), for curing of ultraviolet inks and ultra-violet coatings where heat is the intended discharge.
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17) Any of the following structural steel and bridge fabrication activities:

<input type="checkbox"/>	Cutting 200,00 linear feet or less of one inch (1") plate or equivalent.
<input type="checkbox"/>	Using 80 tons or less of welding consumables.

18)

<input type="checkbox"/>	Rolling oil recovery systems.
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19)

<input type="checkbox"/>	Groundwater oil recovery wells.
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20)

<input type="checkbox"/>	Solvent recycling systems with batch capacity less than or equal to 100 gallons.
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21)

<input type="checkbox"/>	Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume.
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22)

<input type="checkbox"/>	Water runoff ponds for petroleum coke-cutting and coke storage piles.
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23)

<input type="checkbox"/>	Activities associated with the transportation and treatment of sanitary sewage, provided discharge to the treatment plant is under the control of the owner/operator, that is, an on-site sewage treatment facility.
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24)

<input type="checkbox"/>	Any operation using aqueous solutions containing less than 1% by weight of VOCs excluding HAPs.
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25)

<input type="checkbox"/>	Water based adhesives that are less than or equal to 5% by volume of VOCs excluding HAPs.
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26) Noncontact cooling tower systems with either of the following:

<input type="checkbox"/>	Natural draft cooling towers not regulated under a NESHAP.
<input type="checkbox"/>	Forced and induced draft cooling tower system not regulated under a NESHAP.

27)

<input type="checkbox"/>	Quenching operations used with heat treating processes.
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28)

<input type="checkbox"/>	Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.
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29)

<input type="checkbox"/>	Heat exchanger cleaning and repair.
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30)

	Process vessel degassing and cleaning to prepare for internal repairs.
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31)

	Trimmers that do not produce fugitive emissions and that are equipped with a dust collection or trim material recovery device such as a bag filter or cyclone.
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32)

	Stockpiled soils from soil remediation activities that are covered and waiting transport for disposal.
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33)

	Paved and unpaved roads and parking lots with public access.
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34) Conveyors as follows:

	A) Covered conveyors for coal or coke conveying of less than or equal to 360 tons per day;
	B) Covered conveyors for limestone conveying of less than or equal to 7,200 tons per day for sources other than mineral processing plants constructed after August 31, 1983;
	C) Uncovered coal conveying of less than or equal to 120 tons per day.
	D) Underground conveyors.
	E) Enclosed systems for conveying plastic raw materials and plastic finished goods.

35)

	Coal bunker and coal scale exhausts and associated dust collector vents.
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36)

	Asbestos abatement projects regulated by 326 IAC 14-10.
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37)

	Purging of gas lines and vessels that is related to routine maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production process.
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38)

	Flue gas conditioning systems and associated chemicals such as the following: sodium sulfate; ammonia; and sulfur trioxide.
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39)

	Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment.
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40)

Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.

41)

Furnaces used for melting metals other than beryllium with a brim full capacity of less than or equal to 450 cubic inches by volume.

42)

On-site fire and emergency response training approved by the department.

43) Emergency generators as follows:

Gasoline generators not exceeding 110 horsepower.

Diesel generators not exceeding 1600 horsepower.

Natural gas turbines or reciprocating engines not exceeding 16,000 horsepower.

44) Other emergency equipment as follows:

Stationary fire pumps.

45)

Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations.

46)

Purge double block and bleed valves.

47)

Filter or coalescer media changeout.

48)

Vents from ash transport systems not operated at positive pressure.

49)

Mold release agents using low volatile products (vapor pressure less than or equal to 2 kilopascals measured at 38 degrees C).

50)

A laboratory as defined in 326 IAC 2-7-1(20)(C).

51)

	Farm operations.
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52) Activities or categories of activities with individual HAP emissions **not previously identified**.

	Any unit emitting greater than 1 pound per day but less than 5 pounds per day or 1 ton per year of a single HAP.
Brief Description**:	

53) Activities or categories of activities with a combination of HAP emissions **not previously identified**.

	Any unit emitting greater than 1 pound per day but less than 12.5 pounds per day or 2.5 ton per year of any combination of HAPs.
Brief Description**:	

** The source shall provide a description of the insignificant activity, including identification of the HAPs emitted and any applicable requirements. A source may rely on MSDS sheets, product labels, other manufacturer's information, or other technical and scientific judgement for identification of HAPs. Insignificant activities that are part of a multi-step process line shall be reported as such and the source shall include a description of the function and components of the process line. Insignificant activities that perform equivalent functions shall be grouped and the function and number of the units shall be included in the application.

An applicant may wish to provide the information above on a separate sheet(s) and label GSD-10(a), Insignificant Activities, if additional space is needed.

50) Other activities or categories **not previously identified**: (provide brief description)

Insignificant Thresholds: Activities with emissions equal to or less than thresholds require listing only.

Lead (Pb) = 0.6 ton/year or 3.29 lbs/day

Carbon Monoxide (CO) = 25 lbs/day

Sulfur Dioxide (SO₂) = 5 lbs/hour or 25 lbs/day

Particulate Matter (PM) = 5 lbs/hour or 25 lbs/day

Nitrogen Oxides (Nox) = 5 lbs/hour or 25 lbs/day

Volatile Organic Compounds (VOC) = 3 lbs/hour or 15 lbs/day

ALTERNATIVE OPERATING SCENARIOS

Unit ID:

S/V ID:

Alternative Operating Scenario ID#:

Alternative Operating Scenario Description:

Place a check in the appropriate box below after completing the necessary information.

<input type="checkbox"/>	PI FORM -- A process information form for the alternative scenario is attached
<input type="checkbox"/>	CE FORM -- A control equipment form is attached
<input type="checkbox"/>	CD FORM -- A compliance data form is attached
<input type="checkbox"/>	Other forms (specify) attached:
<input type="checkbox"/>	Other forms (specify) attached:
<input type="checkbox"/>	Other forms (specify) attached:
<input type="checkbox"/>	